

Robert P Carson

List of Publications by Year in descending order

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34
papers

1,192
citations

516710

16
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

2007
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-compartment microscopic diffusion imaging. <i>NeuroImage</i> , 2016, 139, 346-359.	4.2	280
2	Neuronal and glia abnormalities in <i>Tsc1</i> -deficient forebrain and partial rescue by rapamycin. <i>Neurobiology of Disease</i> , 2012, 45, 369-380.	4.4	139
3	Evaluation of diffusion kurtosis imaging in ex vivo hypomyelinated mouse brains. <i>NeuroImage</i> , 2016, 124, 612-626.	4.2	71
4	Deletion of Rictor in neural progenitor cells reveals contributions of mTORC2 signaling to tuberous sclerosis complex. <i>Human Molecular Genetics</i> , 2013, 22, 140-152.	2.9	61
5	Myelin volume fraction imaging with MRI. <i>NeuroImage</i> , 2018, 182, 511-521.	4.2	58
6	Familial Orthostatic Tachycardia Due to Norepinephrine Transporter Deficiency. <i>Annals of the New York Academy of Sciences</i> , 2001, 940, 527-544.	3.8	54
7	Hypomyelination following deletion of <i>Tsc2</i> in oligodendrocyte precursors. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 1041-1054.	3.7	53
8	A revised model for estimating g-ratio from MRI. <i>NeuroImage</i> , 2016, 125, 1155-1158.	4.2	50
9	Multi-organ Abnormalities and mTORC1 Activation in Zebrafish Model of Multiple Acyl-CoA Dehydrogenase Deficiency. <i>PLoS Genetics</i> , 2013, 9, e1003563.	3.5	46
10	Efficacy of artisanal preparations of cannabidiol for the treatment of epilepsy: Practical experiences in a tertiary medical center. <i>Epilepsy and Behavior</i> , 2018, 80, 240-246.	1.7	42
11	Cystogenesis and elongated primary cilia in <i>Tsc1</i> -deficient distal convoluted tubules. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F584-F592.	2.7	30
12	Genetic Manipulation of Noradrenergic Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 410-417.	2.5	28
13	Toward a Broader View of Ube3a in a Mouse Model of Angelman Syndrome: Expression in Brain, Spinal Cord, Sciatic Nerve and Glial Cells. <i>PLoS ONE</i> , 2015, 10, e0124649.	2.5	25
14	Prevention of premature death and seizures in a <i>Depdc5</i> mouse epilepsy model through inhibition of mTORC1. <i>Human Molecular Genetics</i> , 2020, 29, 1365-1377.	2.9	25
15	Assessment of O-methylated catecholamine levels in plasma and urine for diagnosis of autonomic disorders. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 116, 1-10.	2.8	24
16	Loss of mTORC2 signaling in oligodendrocyte precursor cells delays myelination. <i>PLoS ONE</i> , 2017, 12, e0188417.	2.5	23
17	Quantitative analysis of mouse corpus callosum from electron microscopy images. <i>Data in Brief</i> , 2015, 5, 124-128.	1.0	21
18	Orthostatic intolerance and the postural tachycardia syndrome: genetic and environment pathophysiology. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 441, R48-R51.	2.8	17

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19	Experimental studies of g-ratio MRI in ex vivo mouse brain. <i>NeuroImage</i> , 2018, 167, 366-371.	4.2	16
20	Autonomic control after blockade of the norepinephrine transporter: a model of orthostatic intolerance. <i>Journal of Applied Physiology</i> , 2002, 93, 2192-2198.	2.5	15
21	Heterozygous inactivation of tsc2 enhances tumorigenesis in p53 mutant zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 925-33.	2.4	14
22	Preserved expressive language as a phenotypic determinant of Mosaic Angelman Syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e837.	1.2	14
23	Of mothers and myelin: Aberrant myelination phenotypes in mouse model of Angelman syndrome are dependent on maternal and dietary influences. <i>Behavioural Brain Research</i> , 2015, 291, 260-267.	2.2	13
24	Increased Seizure Frequency Temporally Related to Vaping: Where There's Vapor, There's Seizures?. <i>Pediatric Neurology</i> , 2020, 104, 66-67.	2.1	12
25	Mirtazapine for sleep disturbances in Angelman syndrome: a retrospective chart review of 8 pediatric cases. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 591-595.	2.6	12
26	Animal Model of Neuropathic Tachycardia Syndrome. <i>Hypertension</i> , 2001, 37, 1357-1361.	2.7	11
27	DEPDC5 haploinsufficiency drives increased mTORC1 signaling and abnormal morphology in human iPSC-derived cortical neurons. <i>Neurobiology of Disease</i> , 2020, 143, 104975.	4.4	11
28	Intramedullary spinal immature teratoma: resolution of quadriplegia following resection in a 4-week-old infant. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 6, 586-591.	1.3	10
29	Density spectral array analysis of SREDA during EEG-video monitoring. <i>Clinical Neurophysiology</i> , 2012, 123, 1096-1099.	1.5	7
30	Cerebral aquaporin-4 expression is independent of seizures in tuberous sclerosis complex. <i>Neurobiology of Disease</i> , 2019, 129, 93-101.	4.4	5
31	Nutritional Formulation for Patients with Angelman Syndrome: A Randomized, Double-Blind, Placebo-Controlled Study of Exogenous Ketones. <i>Journal of Nutrition</i> , 2021, 151, 3628-3636.	2.9	5
32	Reply to "Atypical SREDA in sleep". <i>Clinical Neurophysiology</i> , 2013, 124, 426.	1.5	0
33	Author's Reply to Samanta. <i>Pediatric Neurology</i> , 2020, 105, 75-76.	2.1	0
34	Heterozygous inactivation of tsc2 enhances tumorigenesis in p53 mutant zebrafish. <i>Journal of Cell Science</i> , 2013, 126, e1-e1.	2.0	0